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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/047,021

DATE: 02/05/2002
TIME: 17:12:54

Input Set : A:\PZ016P2-SeqList.txt
Output Set: N:\CRF3\02052002\J047021.raw

3 <110> APPLICANT: Rosen et al.
5 <120> TITLE OF INVENTION: 50 Human Secreted Proteins
7 <130> FILE REFERENCE: PZ016P2
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/047,021
C--> 9 <141> CURRENT FILING DATE: 2002-01-15

9 <150> PRIOR APPLICATION NUMBER: US 60/262,066
10 <151> PRIOR FILING DATE: 2001-01-18
12 <150> PRIOR APPLICATION NUMBER: US 09/722,329
13 <151> PRIOR FILING DATE: 2000-11-28
15 <150> PRIOR APPLICATION NUMBER: US 09/262,109
16 <151> PRIOR FILING DATE: 1999-03-04
18 <150> PRIOR APPLICATION NUMBER: PCT/US98/18360
19 <151> PRIOR FILING DATE: 1998-09-03
21 <150> PRIOR APPLICATION NUMBER: US 60/057,626
22 <151> PRIOR FILING DATE: 1997-09-05
24 <150> PRIOR APPLICATION NUMBER: US 60/057,663
25 <151> PRIOR FILING DATE: 1997-09-05
27 <150> PRIOR APPLICATION NUMBER: US 60/057,669
28 <151> PRIOR FILING DATE: 1997-09-05
30 <150> PRIOR APPLICATION NUMBER: US 60/058,667
31 <151> PRIOR FILING DATE: 1997-09-12
33 <150> PRIOR APPLICATION NUMBER: US 60/058,974
34 <151> PRIOR FILING DATE: 1997-09-12
36 <150> PRIOR APPLICATION NUMBER: US 60/058,973
37 <151> PRIOR FILING DATE: 1997-09-12
39 <150> PRIOR APPLICATION NUMBER: US 60/058,666
40 <151> PRIOR FILING DATE: 1997-09-12
42 <150> PRIOR APPLICATION NUMBER: US 60/090,112
43 <151> PRIOR FILING DATE: 1998-06-22
46 <160> NUMBER OF SEQ ID NOS: 206
48 <170> SOFTWARE: PatentIn Ver. 2.0
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51 <211> LENGTH: 733
52 <212> TYPE: DNA
53 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 1
56 gggatccgga gcccaaattct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg 60
57 aattcgaggg tgcaccgtca gtcttctctt tcccccaaaa acccaaggac accctcatga 120
58 tctcccggac tcctgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
59 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
60 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
61 ggctgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca acccccatcg 360
62 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420

ENTERED

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63 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480
64 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
65 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600
66 acaagagcag gtggcagcag gggaaacgtct tctcatgctc cgtgatgcat gaggtctgc 660
67 acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
68 gactctagag gat 733
70 <210> SEQ ID NO: 2
71 <211> LENGTH: 5
72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: Site
77 <222> LOCATION: (3)
78 <223> OTHER INFORMATION: Xaa equals any amino acid
80 <400> SEQUENCE: 2
81 Trp Ser Xaa Trp Ser
82 1 5
84 <210> SEQ ID NO: 3
85 <211> LENGTH: 86
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <221> NAME/KEY: Primer_Bind
91 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding
site
92 found in the IRF1 promoter (Rothman et al., Immunity 1:457-468
93 (1994)), 18 nucleotides complementary to the SV40 early promoter,
94 and a Xho I restriction site.
96 <400> SEQUENCE: 3
97 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
98 cccgaaatat ctgccatctc aattag 86
100 <210> SEQ ID NO: 4
101 <211> LENGTH: 27
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <221> NAME/KEY: Primer_Bind
107 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promoter;
includes a
108 Hind III restriction site.
110 <400> SEQUENCE: 4
111 gcggcaagct ttttgcaaag cctaggc 27
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 271
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <221> NAME/KEY: Protein_Bind
120 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
GAS
121 binding sites found in the IRF1 promoter (Rothman et al., Immunity
122 1:457-468 (1994)).

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124 <400> SEQUENCE: 5

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125 ctcgagatTT ccccgaaatc tagattttccc cgaaatgatt tccccgaaat gattttccccg      60
126 aaatatctgc catctcaatt agtcagcaac catagtccccg cccctaactc cgcccatccc      120
127 gccctaact ccgcccagtt ccgcccattc tccgcccatt ggctgactaa ttttttttat      180
128 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt      240
129 ttttgagggc ctaggctttt gcaaaaagct t      271

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131 <210> SEQ ID NO: 6

132 <211> LENGTH: 32

133 <212> TYPE: DNA

134 <213> ORGANISM: Artificial Sequence

136 <220> FEATURE:

137 <221> NAME/KEY: Primer_Bind

138 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter

139 sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a

140 Xho I restriction site.

142 <400> SEQUENCE: 6

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143 gcgctcgagg gatgacagcg atagaacccc gg      32

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145 <210> SEQ ID NO: 7

146 <211> LENGTH: 31

147 <212> TYPE: DNA

148 <213> ORGANISM: Artificial Sequence

150 <220> FEATURE:

151 <221> NAME/KEY: Primer_Bind

152 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter

153 sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a

154 Hind III restriction site.

156 <400> SEQUENCE: 7

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157 gcgaagcttc gcgactcccc ggatccgcct c      31

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159 <210> SEQ ID NO: 8

160 <211> LENGTH: 12

161 <212> TYPE: DNA

162 <213> ORGANISM: Homo sapiens

164 <400> SEQUENCE: 8

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165 ggggactttc cc      12

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167 <210> SEQ ID NO: 9

168 <211> LENGTH: 73

169 <212> TYPE: DNA

170 <213> ORGANISM: Artificial Sequence

172 <220> FEATURE:

173 <221> NAME/KEY: Primer_Bind

174 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding site

175 (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the

176 SV40 early promoter sequence, and a XhoI restriction site.

178 <400> SEQUENCE: 9

```

179 gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg      60

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180 ccatctcaat tag      73

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182 <210> SEQ ID NO: 10

183 <211> LENGTH: 256

184 <212> TYPE: DNA

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185 <213> ORGANISM: Artificial Sequence

187 <220> FEATURE:

188 <221> NAME/KEY: Protein_Bind

189 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes

NF-KB

190 binding sites.

192 <400> SEQUENCE: 10

193 ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct 60

194 caattagtag gcaaccatag tcccgccct aactccgcc atcccgcccc taactccgcc 120

195 cagttccgcc catttccgc cccatggctg actaatTTTT tttatttatg cagaggccga 180

196 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240

197 cttttgcaaa aagctt 256

199 <210> SEQ ID NO: 11

200 <211> LENGTH: 1110

201 <212> TYPE: DNA

202 <213> ORGANISM: Homo sapiens

204 <400> SEQUENCE: 11

205 gaattcggca cgagcttggt tgggggggga gcaaaatcca gaatctgcta aacaccaatg 60

206 ctgtcactca gagtttgtgt atctgctgtc tgtggagctc tggaccaggc ttgaggagacg 120

207 cttgggggtt ccacccacat ctggggcaaa ccagaccccc aagtcactga catgtcggtt 180

208 tttctactaa tcacgttggtc tttggcaatt ctgtatataa taagaagtat tgtgtttctca 240

209 cttgcacttk ggcagaacgg ttcactccaa ggctgaatga ctgccacgga ccatccccca 300

210 gcaggggtcc tgggggttag tggtttgatt ctgagcact ctamgcamag agccccttag 360

211 tgggttccct aactggacgg ctaaccctgs tgtggaatct gactkkwtct ggaccgaaga 420

212 ggacaggctg ctctggagaa atccttggtc cttgtgcctg atgctggctc gggccaccct 480

213 ggccaccctc cttcatgcc ccatgggacc aggcagcagc atgggagggg gcagcttcca 540

214 gaacaccctt ctgctagggg ctktctggct cctgtctggc acggccacat ccatggctctg 600

215 agtgtgtggt tggaatgttt tatcaacacc agtcctcaca gcttccccag atgagcgaag 660

216 gggaagggga tgggtgtgtg ggggattgcc tcccttgagg cccccagct cccaggatac 720

217 ttgctggcgg agctctgcct gcggtggagg ccctatgact tgacctccat cttctccctg 780

218 ggccccctgc tggccctcac tggcaggggc tccctgcacgc ctgcaaggcc agagcctccc 840

219 gccagggtgca ggagaagtaa atgcaggcca gagataaatc gtatttccct ctaactcgga 900

220 tgtggagtga gaggaaggaa gcaggagtgg agctgagtgt tagtgagagg tggctgagaa 960

221 ggcggggtcc cgcttcttgc ttccttggtc atttgctgta ggtgctgggt ttcagcctgg 1020

222 aagggtgcag cctctgcact aagtctggtt tgggtgaacgt tcatggcccc caatataaac 1080

223 agtgttctg gcttctttg tgactctcga 1110

225 <210> SEQ ID NO: 12

226 <211> LENGTH: 936

227 <212> TYPE: DNA

228 <213> ORGANISM: Homo sapiens

230 <220> FEATURE:

231 <221> NAME/KEY: misc_feature

232 <222> LOCATION: (294)..(294)

233 <223> OTHER INFORMATION: n equals a,t,g, or c

235 <220> FEATURE:

236 <221> NAME/KEY: misc_feature

237 <222> LOCATION: (298)..(298)

238 <223> OTHER INFORMATION: n equals a,t,g, or c

240 <220> FEATURE:

241 <221> NAME/KEY: misc_feature

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Input Set : A:\PZ016P2-SeqList.txt

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242 <222> LOCATION: (925)..(925)

243 <223> OTHER INFORMATION: n equals a,t,g, or c

245 <400> SEQUENCE: 12

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247	aagtaagatg	agaaataaag	aaagcctttg	taaggtggtt	ttaaaagcct	tatatgcaaa	120
248	ccttttaatc	tgtgtttctg	caagtgccat	ccttgtacag	tgttaagagg	gtaacatggg	180
249	ttacctttgc	accagettca	gtgttaagct	cacctgttcc	tttgaagcac	ccatgtcagt	240
250	attagaagaa	taggcagcag	ttccttagtt	tacatatggt	tgkgcaatta	tttnctgnac	300
251	ttttttgttc	attaatttgt	cagtattaca	ccaaactgtt	tttgaacaaa	aaaaattttt	360
252	tttgcatcca	tttaatttta	ggtcaaataa	cattttatct	atgtggctca	ttttatatct	420
253	cctaatttta	tttatttcat	actgtagtgt	acagtattat	agttcttcaa	tatatagata	480
254	tattttagta	aaaaaggaac	atgacgttga	tcatttgggc	aaatttttac	taaagagaag	540
255	agcattttatt	gtgttttgga	acattaattg	tgagatggga	tttttcaatt	ttattatttt	600
256	atttttgttt	ttttccaatt	actggaaatt	ccaaatttgg	gaacttttga	tacgatcttg	660
257	tgaaaacact	gtattttcga	ctgaaaattc	cactttcttc	atcttggttt	ttagctaaaa	720
258	agagggactg	ttaaatacaa	tgtatgatac	catgacaaaa	atctttcctg	aattgtcttt	780
259	gtaaaagtat	tattgaattt	tcaatttgta	atttcttttg	aaaatgacca	tgctcgaata	840
260	aaaatgtagc	caaaactaaa	aaaaaagaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	900
261	aaaaaaaaaa	aaaaaaaaaa	aaaaaagaaa	aaaaaa			936

263 <210> SEQ ID NO: 13

264 <211> LENGTH: 921

265 <212> TYPE: DNA

266 <213> ORGANISM: Homo sapiens

268 <400> SEQUENCE: 13

269	ggcacgaggg	ccgtttgcgt	cggaagcctg	aagcatgggc	gctgagtggg	agctgggggc	60
270	cgargctggc	ggttcgctgc	tgtctgtgcg	cgcgctgctg	gcggcgggct	gcgccctggg	120
271	cctgcgcctg	ggccgcgggc	agggggcggc	ggaccgcggg	gcgctcatct	ggctctgcta	180
272	cgacgcgctg	gtgcacttcg	cgctggaagg	cccttttgtc	tacttgctct	tagtaggaaa	240
273	cgttgcaa	atccgatggc	tgattgcttc	tttatggaaa	gaatatggca	aagctgatgc	300
274	aagatgggtt	tattttgatc	caaccattgt	gtctgtggaa	attctgaccg	tcgccctgga	360
275	tgggtctctg	gcattgttcc	tcatttatgc	catagtcaaa	gaaaaatatt	accggcattt	420
276	cctgcagatc	accctgtgcg	tgtgcgagct	gtatggctgc	tggatgacct	tcctcccaga	480
277	gtggctcacc	agaagcccca	acctcaacac	cagcaactgg	ctgtactgtt	ggctttacct	540
278	gttttttttt	aacggtgtgt	gggttctgat	cccaggactg	ctactgtggc	agtcattggt	600
279	agaactcaag	aaaatgcac	agaaagaaa	cagttcagtg	aagaagtctc	agtgaacttt	660
280	caaaaccagg	cacgagccat	tatctaact	catgaaccag	aatgaatcaa	atctttttgt	720
281	ttggccaaaa	tgaatacat	tccagtctac	actttgtttt	tgtattgttg	ctcctgaaca	780
282	acctgtttca	aattggtttt	aaggcgacca	gttttcgttg	tattgtttgt	caattaaatg	840
283	gtgatatagg	gaaaagagaa	caaatttgaa	tttgaataa	taaaatgttt	aattataaaa	900
284	aaaaaaaaaa	aaaaaaaaaa	a				921

286 <210> SEQ ID NO: 14

287 <211> LENGTH: 2541

288 <212> TYPE: DNA

289 <213> ORGANISM: Homo sapiens

291 <400> SEQUENCE: 14

292	ggcgggaagg	gaggacgtgg	gatggtggcg	gactggctgc	agcagagcta	ccaagcagtc	60
293	aaagagaagt	cctctgaagc	cttgagtttt	atgaagcggg	acctgacgga	gtttaccagg	120
294	gtggtgcagc	atgacacggc	ctgtaccatc	gcagccacgg	ccagcgtggg	caaggagaag	180
295	ctggctattg	cagcctgttc	ccggggcgct	tgcttctctc	gcccgttctc	tatacagacg	240

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\PZ016P2-SeqList.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12

L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12

L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15

L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

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L:574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

L:575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

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L:642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23

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L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25

L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27

L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27

L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31

L:858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31

L:925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34

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L:985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36

L:1029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37

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L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37

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L:1512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55

L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57

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L:1629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59

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L:1692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60

L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62

L:1835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66

L:2012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71

L:2015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71

L:2021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71

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L:2226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:2293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82
L:2430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86